

AMENDMENTS TO THE SPECIFICATION:

Page 1, line 19. *rule 1.26*

Many different types of electrical products today are modular and include one or more interface units to increase and/or enhance the operational characteristics of the product. These types of products generally have a dedicated type of interface module meaning the interface unit is specifically designed to be electrically integrated with a host device through the use of some type of electrical connector or the like. Each module must be designed such that the interface with will be electrically compatible with the connector on the host device.

On page 1, line 33. *rule 1.26*

As seen in prior art FIG. 1, the typical modular interface system 100 would include a module 101 that may be a stand alone accessory device or similar interfacing with a host device 105. The module 101 includes a module connector 103 that interfaces with a corresponding host connector 107 on the host device 105. The module connector 103 and host connector 107 connect through as dedicated serial interface 109. The dedicated serial interface 109 connects one or more dedicated serial pins allowing the module 101 to communicate with the host device 105. The remainder of the pins are configured to form a dedicated pin interface 111 in these connectors to provide communication and compatibility between the module 101 and host device 105. ~~Any~~ An example of such an arrangement might be a remote control head used for a mobile public service radio. The control head communicates through the dedicated serial interface 109 while one or more additional pins are dedicated to other control or communications functions.

Page 3, lines 7 and 8. *rule 1.26*

Referring now to FIG. 2, a re-configurable interface system 200 used in modular architectures according to the preferred embodiment of the invention includes a secondary module 201 and primary host device 203. The secondary module 201 generally provides some increased functionality to the primary host device 203 and connects through corresponding and/or mating connectors such as the module connector 205 and host connector 207. The secondary module 201 may include a cable connected device or a modular type device physically integrated within an electrical connector. The pin configuration of host connector 207 is controlled by a pin controller 209. The pin controller 209, although generally controlled by a an accompanying microprocessor 211, may also be integrated within a microprocessor device with portions of that device being appropriately programmed to control pin configuration.